

US CLIMATE CHANGE SCIENCE PROGRAM CCSP

The federal climate-change research effort as of 2/2002

Combines:

- ◆ US Global Change Research Program 1990 -- 10+ yr
- ◆ Climate Change Research Initiative 2001 -- 2-4 yr

13 Federal Agencies:

USDA, USDI, USDC, DOD, DOE, USDS, DOT, EPA,
NASA, NSF, Smithsonian, AID, HHS



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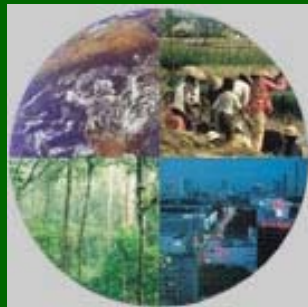
**President Bush Announces
Clear Skies & Global Climate
Change Initiatives**

Draft Strategic Plan for the CCSP

Nov 2002

180 pgs www.climate-science.gov/

Proposes emphasis topics & priorities to guide research and funding for 10-years



Planning Workshop, WA DC,
3-5 Dec 2002

1500 participants (225 speakers)
asked to comment

Strategic Plan Key Emphasis Areas

1. Climate Change as a Capstone Issue
2. Transitioning Basic Research into Application
ROADS Strategy =
Research, Observation, Assessments, Decision Support
3. Regional and Integrated Approaches

Topical Priorities

Climate Observation
& Monitoring
Atmospheric Composition
Carbon Cycle
Land Use/Land Cover
Scenario Development/
Decision Support

Greenhouse Gas Stabilization
Climate Modeling
Climate Variability
Water Cycle
Ecosystem/Climate
Interactions
Human Contributions

NAS Review of Strategic Plan 2/2003

<http://www.nap.edu/>



Strengths

- * Builds on GCRP
- * Emphasizes science for policy
- * Identifies cutting-edge science issues
- * Calls for improved monitoring/observation

Lacks

- * Guiding vision
- * Clear goals
(something for everyone)
- * Explicit priorities
(not a strategic plan)

Recommendations

- * Clarify vision & goals
- * Improve program management
- * Fill key information needs
- * Strengthen DS
- * Set stage for implementation